ELECTRICAL CHARACTERISTICS @ 25°C

1.0 TURNS RATIO: (P6-P5-P4) : (J6-J3) : 10T ± 3%
(P3-P2-P1) : (J2-J1)  : 10T ± 3%

2.0 INDUCTANCE: (P6-P4) : 350μH MIN. @ 100kHz, 8mA DC Bias
(P3-P1) : 350μH MIN. @ 100kHz, 8mA DC Bias

3.0 LEAKAGE INDUCTANCE: P6-P4 (WITH J6 AND J3 SHORT) : 0.3μH MAX. @ 1MHz
P3-P1 (WITH J2 AND J1 SHORT) : 0.3μH MAX. @ 1MHz

4.0 INTERWINDING CAPACITANCE: (P6,P5,P4) TO (J6,J3) : 30pF MAX. @ 1MHz
(P3,P2,P1) TO (J2,J1) : 30pF MAX. @ 1MHz

5.0 DC RESISTANCE: (J6-J3)=(J2-J1) : 1.2 ohms Max.

6.0 RETURN LOSS: 1MHz TO 30MHz : 18dB MIN.
600kHz TO 80MHz : 12dB MIN.

NOTE: 100 OHMS CONNECTED TO (J2-J1) OR (J6-J3).

7.0 DIELECTRIC WITHSTAND: (J1, J2) TO (P1,P3)
(J3, J6) TO (P4,P6) : 1500 Vrms

8.0 INSERTION LOSS: RS=RL=100 ohms
100kHz TO 100MHz : 1.1 dB TYP

9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS
OUTPUT VOLTAGE = 1 V Peak
PULSE WIDTH= 112ns
: 3.0 nS MAX

10.0 CROSS TALK: 1MHz TO 100MHz
: 40 dB TYP

11.0 COMMON TO COMMON MODE ATTENUATION @ 50MHz TO 100MHz : 35dB TYP

NOTES:
1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.
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NOTES:
1. CONNECTOR MATERIALS:
   HOUSING: THERMOPLASTIC UL94 V-0
   CONTACT/SHEILD: COPPER ALLOY
   SHIELD PLATING: NICKEL OR TIN
   CONTACT PLATING: SELECTIVE GOLD,
   50 MICRO-INCHES MIN. IN CONTACT AREA.

2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
   SEE ELECTRICAL DRAWING FOR OMITTED PINS.

3. TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.

4. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±0.005 [0.13]

5. REFLOW AND WAVE SOLDER COMPATIBLE –260°C FOR 10 SECONDS MAX.

LED SPECIFICATION

<table>
<thead>
<tr>
<th>LED</th>
<th>WAVELENGTH</th>
<th>FORWARD V (MAX)</th>
<th>TYP</th>
</tr>
</thead>
<tbody>
<tr>
<td>GREEN</td>
<td>565 nm</td>
<td>2.5 V</td>
<td>2.2 V</td>
</tr>
</tbody>
</table>

*WITH A FORWARD CURRENT OF 20 mA (TYP)
1. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE THE USER THE ABILITY TO HAVE REASONABLE JACK / PANEL CLEARANCES YET MAINTAIN RELIABLE GROUNDING CAPABILITY.

2. ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±0.005 [0.13]